

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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COUNTRY USSR (Moscow Oblast)

REPORT

SUBJECT Aviation Plant No. 43 in Moscow

DATE DISTR. 5 August 1960

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NO. PAGES 1

REFERENCES

DATE OF INFO.

PLACE & DATE ACQ.

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. Attachment 1 [redacted] report, including area sketch, on the Aviation Plant No. 43 in Moscow. The report provides information on the plant organization, labor force, security and products for the period 1945-1956. [redacted] the various shops, including secret shops, in the plant and the activities [redacted]

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2. Attachment 2 is a [redacted] report on the Paint and Enamels Section in the laboratory of Aviation Plant No. 43. A rough sketch of the plant area accompanies the report.

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3. [redacted]

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STATE	X	ARMY	X	NAVY	X	AIR	#	15	FBI		AEC		NSA	X	NIC	X
(Note: Washington distribution indicated by "X"; Field distribution by "#")																

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COUNTRY: USSR (Moskovskaya oblast)

REPORT NO.

SUBJECT: Aviation Plant No. 43

DATE OF INFO:

50X1-HUM

DATE ACQUIRED:

PLACE ACQUIRED:

DATE OF REPORT: 9 June 1960

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AVIATION PLANT NO. 43

1. Aviation Plant No. 43, [redacted] was subordinate to the Ministry of Aviation. The plant was located between Pravdy ulitsa and Yamskogo polya 3-ya and 5-ya ulitsy, Oktvskiy rayon, Moscow. This plant had a subterranean installation, which was used as a shooting gallery for testing the armament mounted in the aircraft fuselage. [redacted]

[redacted] (Refer to legend for plant layout at point 11, "Secret Section").

Products and Raw Materials

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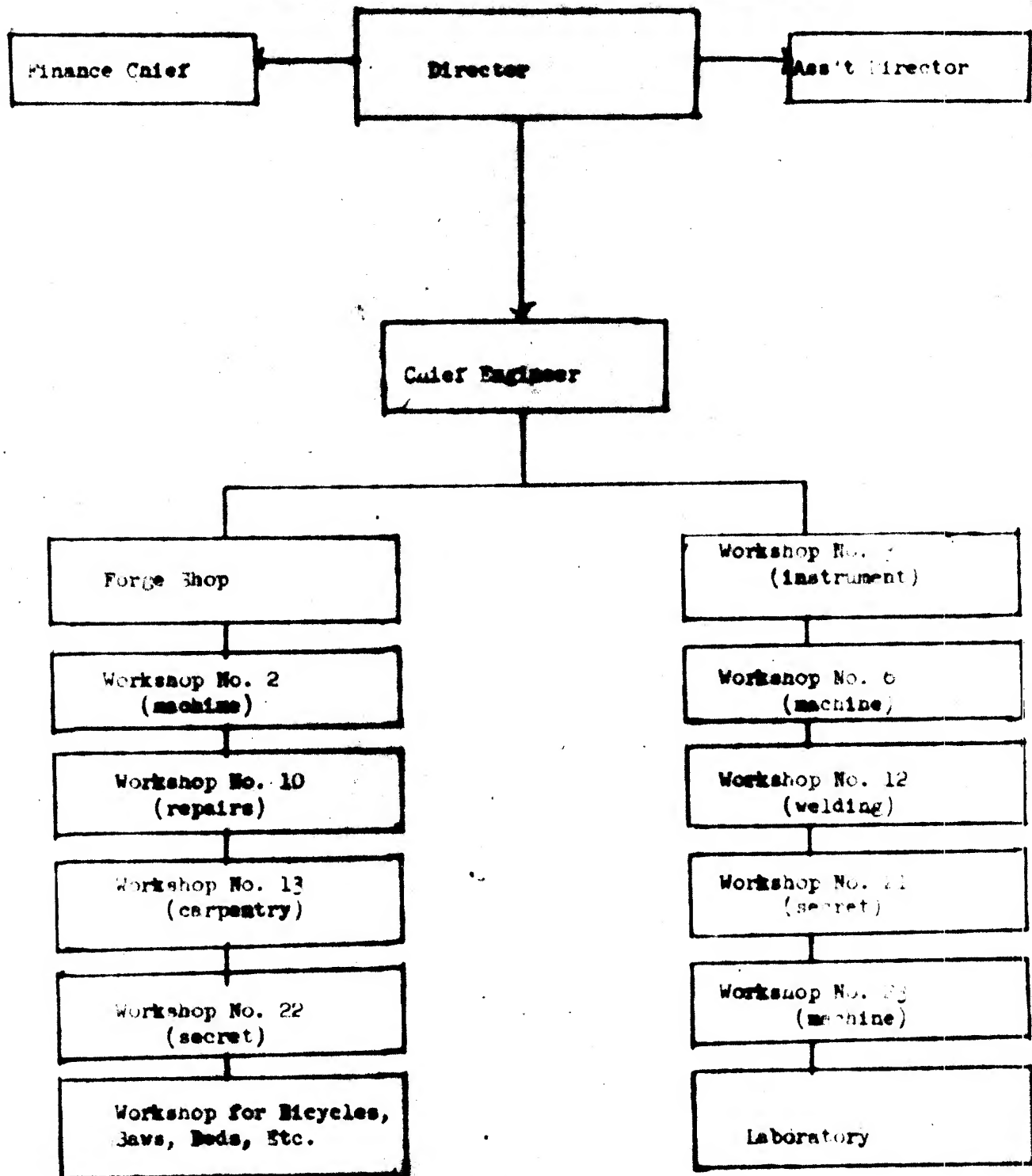
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Organizational Structure of Aviation Plant #3



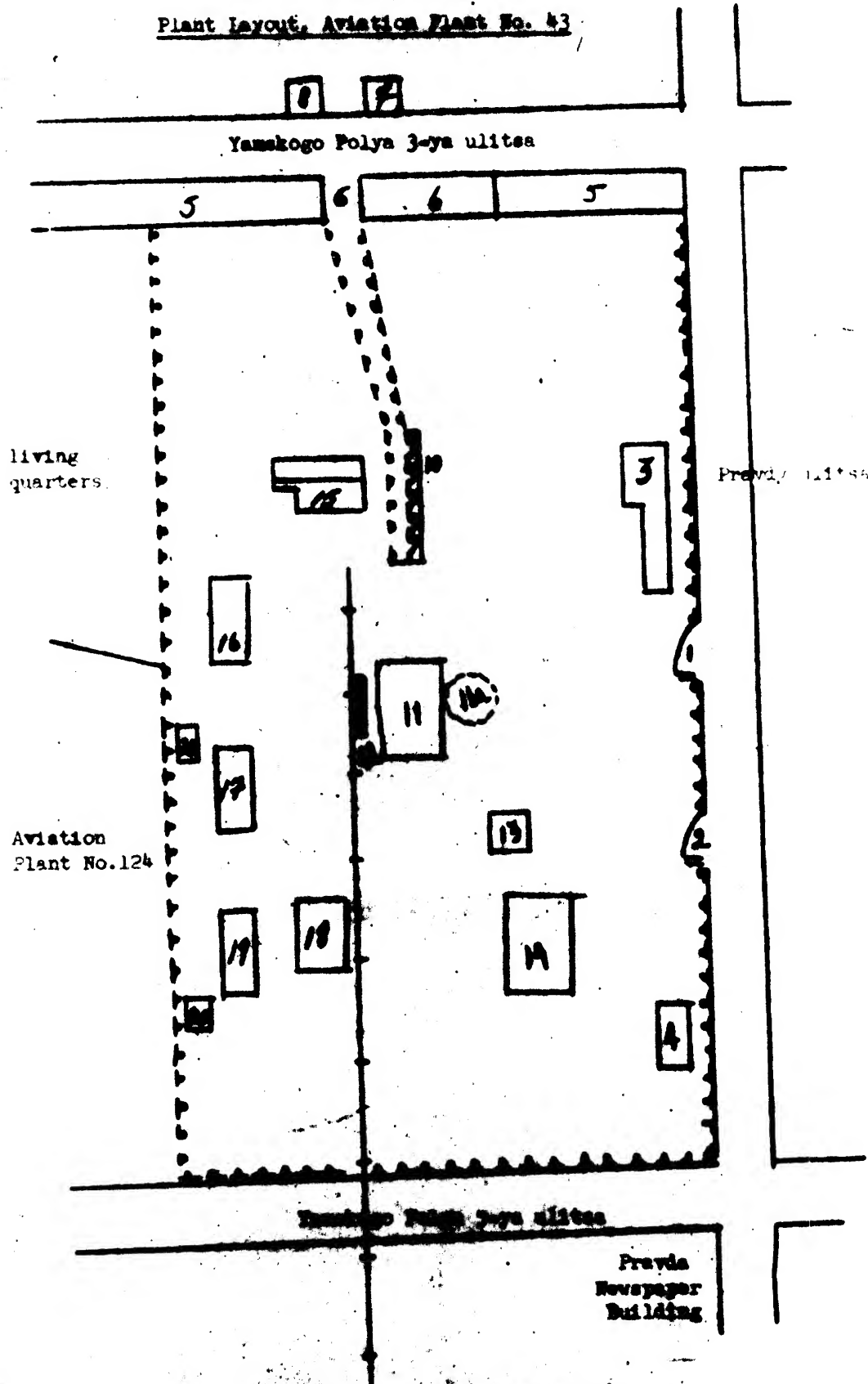
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COUNTRY: USSR (Moscow Oblast)

REPORT NO.:

SUBJECT: Aviation Plant No. 43
Laboratories

DATE OF INFO:

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DATE ACQUIRED

PLACE ACQUIRED:

DATE OF REPORT: 8 June 1960

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AVIATION PLANT NO. 43 LABORATORIES

1. Aircraft Plant No. 43, subordinate to the Ministry of Aviation Industry and the Ministry of Metallurgical Industry, was on ulitsa Pravdy, Otkryabriy rayon, Moscow. (See sketch of layout of the plant on page 3.)
2. The plant laboratories were divided into the following sections: Chemistry, electrochemistry, metallography, mechanics, and paints and enamels. [redacted] paints and enamels received from the warehouse were analyzed to determine drying time and adhesive qualities, among other things. The section also acted as arbiter between the mastery and OTK personnel; that is, the chief engineer and another section engineer decided whether or not parts to be shipped were acceptable or not.
3. Personnel in the paints and enamels section consisted of a chief engineer, two other engineers, and four or five female laboratory assistants. In the other laboratory sections, there were usually more laboratory assistants and only one engineer besides the chief. The section contained a viscometer, an

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analytical scale for weights up to one kilogram, and another scale for weights up to two kilograms, two thermostats, one from 50° to 250° C and the other from 5° to 150° C, one microscope, matrasses, magnifying glasses and other auxiliary apparatus.

4. The work of the paint and enamels section included the following operations: The paint was dissolved and passed through the viscometer. If it passed through in a determined length of time, it was in condition to be analyzed and was put in matrasses which were placed in thermostats. The temperature depended on the length of time the matrass was to be left in the thermostat. [redacted] for three hours the temperature had to be 80° C. If upon removal, a positive result was obtained, the analysis was sent to the warehouse which dispatched paint to the paint shop. If a negative result was obtained, paint was returned to the warehouse with a note stating it was not to be dispatched.

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5. There were many colors of paint and two general types, one dissolved in acetone, the other with an oil base. Paints and enamels were used on a great variety of parts of all types and sizes, although the majority of the parts were not generally large. [redacted]

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[redacted] All parts were manufactured in the plant [redacted]

6. Commissions of an unspecified institute and Government personnel visited the plant at intervals. They rarely visited the laboratory. [redacted]

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